A1

increases. Further, if the rotating speed exceeds 6000 rpm (i.e. the circumferential speed of 376.8 m/min), accompanying air flow around the grinding stones becomes too strong and the supply of coolant to the grinding region becomes insufficient, resulting in a seizure.

Please amend the paragraph beginning on page 28, line 3 as follows:

A2

Even if the work 85 is a R-Fe-B magnet containing cobalt not smaller than 0.3 wt% and not greater than 10 wt%, the number of chippings can be reduced and the chamfering can be efficient if the grinding stone rotating speed is not slower than 2000 rpm and not faster than 5000 rpm, i.e. if the grinding stone circumferential speed is not slower than 125.6 m/min and not faster than 314 m/min. At this time, if the relative speed of the grinding stones 36a, 36b with respect to the outer circumferential portion of the work 85 is slower than 0.5 mm/sec, the grinding efficiency goes down, on the other hand, if the relative speed is faster than 7.0 mm/sec, the grinding stones 36a, 36b exert large machining load, resulting in an increased number of chippings in the work 85. Therefore, the relative speed is not slower than 0.5 mm/sec and not faster than 7.0 mm/sec, and more preferably, not slower than 2.0 mm/sec and not faster than 4.0 mm/sec.

IN THE CLAIMS:

Please cancel claims 1-6 and 11 without prejudice or disclaimer.

Please amend claims 7, 10, 12, 16, 17 and 19 as follows: